

Attorney Dkt. No. 64688/152

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Xuehai Ye et al.
Serial No. 09/972,956
Filed 10/10/2001
For: Gene Transfer Into Renal Glomerular Cells

GAU: 1614
Examiner: J. Eric Angell

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w/dec.

AMENDMENT UNDER 37 CFR 1.111

Commissioner for Patents
Washington, DC 20231
BOX: NON-FEE AMENDMENT

Sir:

Responsive to an Office Action mailed November 4, 2002, the applicants make the following claim amendment and remarks.

In the claims:

Please amend claims 1 and 2 as follows:

1. A method of [infecting] transferring into the glomerular cells of a kidney of a model [mammalian subject] mammal [with] a [recombinant adenovirus vector carrying a] gene or genes of interest, comprising the step of infusing intra-renal arterially and continuously in a single pass through the superior mesenteric artery ("SMA") or renal artery an effective amount of [said adenoviral vector] a recombinant adenovirus vector carrying said gene or genes of interest into said kidney at an effectively slow rate over an effective period of time, under conditions such that at least 30% of said glomerular cells are infected with said vector, wherein said adenovirus vector carries a control element that allows expression of said gene or genes of interest in renal glomerular cells.
2. The method according to claim 1, wherein said [adenovirus vector carries a control element that preferentially expresses said gene or genes into renal